

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

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GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

3/22/11

Ryan Mingo
Assistant District Attorney, Suffolk County

Dear ADA Mingo,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]
Included are copies of the following:

1. Drug Analysis Laboratory Receipt.
2. Curriculum Vitae for Annie Dookhan and Daniel Renczkowski.
3. Control Cards with analytical results for sample # [REDACTED]
4. Analysis sheets with the custodial chemist's hand notations and test results.
5. GC/MS Spectral analytical data for sample # [REDACTED]

I, Annie Dookhan, was the custodial chemists and performed the testing and net weight for this sample. Daniel Renczkowski was the confirmatory chemist and analyzed the GC/MS data.

If you have any questions about these materials, please call me at the number below.

Sincerely,

Annie Khan (Dookhan)
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6631

DRUG RECEIPT

CC # [REDACTED]
BOOK # 63
PAGE # _____
DESTRUCTION # _____

District/Unit A-1 DCU
Name & Rank of Arresting Officer S/D Wm DWAN ID# 10060

DEFENDANT'S NAME

ADDRESS

CITY

STATE

ROXBURY

MA.

ROXBURY

MA.

Quincy

MA.

LAB USE ONLY

DESCRIPTION OF ITEMS SUBMITTED

GROSS
QUANTITY

GROSS
WEIGHT

ANALYSIS
NUMBER

CRACK COCAINE

1 P/B

2.08 gm

To be completed by ECU personnel only

Name and Rank of Submitting Officer Sybil White ID# 11064

Received by [Signature] Date 11.25.10

ECU Control # _____

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

*Maintenance and repairs of all analytical instruments.

*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

*Responsible for the Quality Control/Quality Assurance program for the drug lab.

*Notary Public.

*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

*Writing, revising and reviewing Standard Operating Procedures (SOPs).

*Trained and supervised new chemists and interns for the department.

*Routine QC testing of products for the FDA.

*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

*Complete testing of chemicals for Vendor Validation Project for the FDA.

*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Daniel Renczkowski

Education

Degree: Bachelors of Science in Forensic Chemistry,
May 2005 from Buffalo State College
GPA: 3.84, Dean's List, Honor's Recognition
American Chemical Society Undergraduate Award
Phi Lambda Upsilon Membership

Related Coursework:	Analytical Chemistry	Physical Chemistry
	Organic Chemistry I and II	Instrumental Chemistry
	Biochemistry	Forensics Laboratory
	Chemistry of Criminalistics	Physical Evidence
	Anatomy	Physiology

Employment

Massachusetts Department of Public Health Drug Analysis Laboratory

Chemist I (October 2005 – March 2008)

Chemist II (March 2008 – present)

- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff
- Successfully completed GC/MS training program
- Responsible for the identification of substances to determine violation of the Controlled Substances Act of the Massachusetts General Laws
- Responsible for maintenance and repairs of analytical instruments
- Responsible for quality control of analytical instruments and standards

Related Experience

Niagara County Forensics Laboratory

Forensic Internship, January 2005

- Conducted research on the presumptive testing of saliva
- Conducted research on the identification and detection of lubricants
- Observed all aspects of the laboratory including drug analysis, firearms comparison, trace evidence, arson investigation, toxicology, and serology
- Daily use of FTIR microscope and DuraSamplerII
- Familiarized with GC/MS programs

No. [REDACTED]

Date Analyzed:

City: Boston D.C.U. Police Dept.

11-30-10

Officer: P.O. SYBIL WHITE

Def: [REDACTED]

Amount:

Subst: SUB

No. Cont: 1 Cont: pb

Date Rec'd: 11/24/2010

No. Analyzed:

Gross Wt.: 2.08

Net Weight: 0.11

Tests: 6 & D

• 2052

Prelim: cocaine (c)

Findings: Cocaine

DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY Boston ANALYST ADJ

No. of samples tested:

Evidence Wt.

PHYSICAL DESCRIPTION:

off white chunky substance
in 1 pb

Gross Wt (): 0.1630

Gross Wt ():

Pkg. Wt:

Net Wt: 0.1176

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate (-) +

Marquis -

Froehde's -

Mecke's -

Microcrystalline Tests

Gold
Chloride +

TLTA (-) +

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS cocaine

DATE 11-26-10

GC/MS CONFIRMATORY TEST

RESULTS cocaine

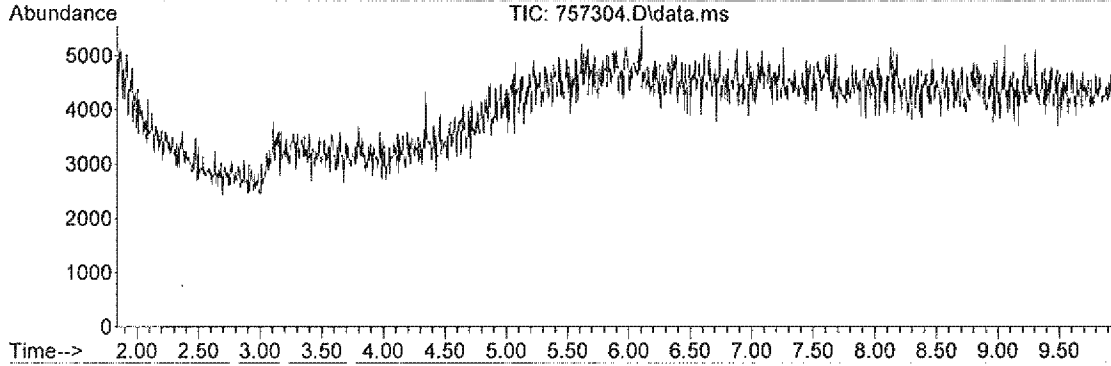
MS
OPERATOR DJE

DATE 11-30-10

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 Operator : ASD/DJR
 Date Acquired : 26 Nov 2010 13:06
 Sample Name : BLANK
 Submitted by :
 Vial Number : 1
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

✓DJR
3-16-11

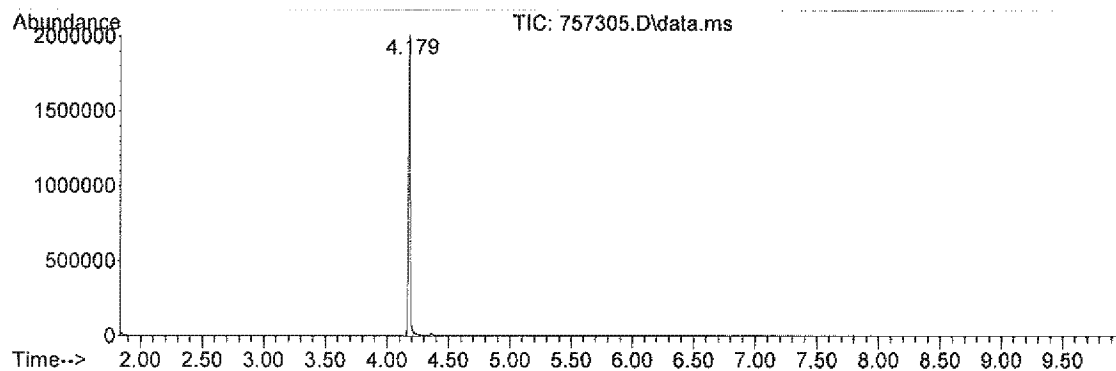


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

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Operator : ASD/DJR
Date Acquired : 26 Nov 2010 13:19
Sample Name : COCAINE STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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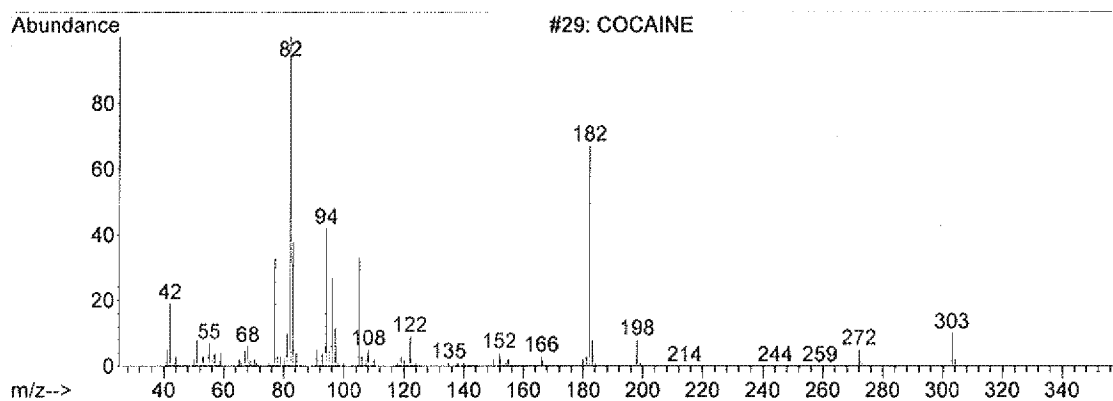
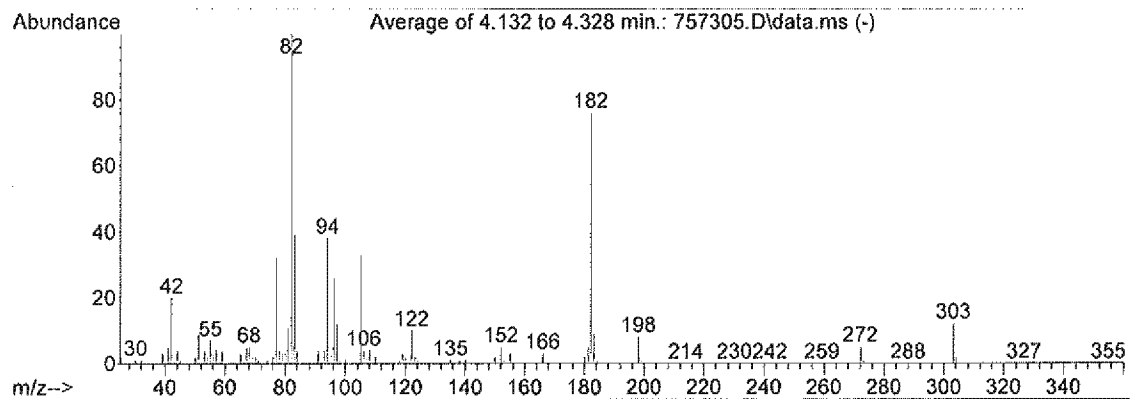
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Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\11_26_10\757305.D
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Date Acquired : 26 Nov 2010 13:19
Sample Name : COCAINE STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS.M
Integrator : RTE

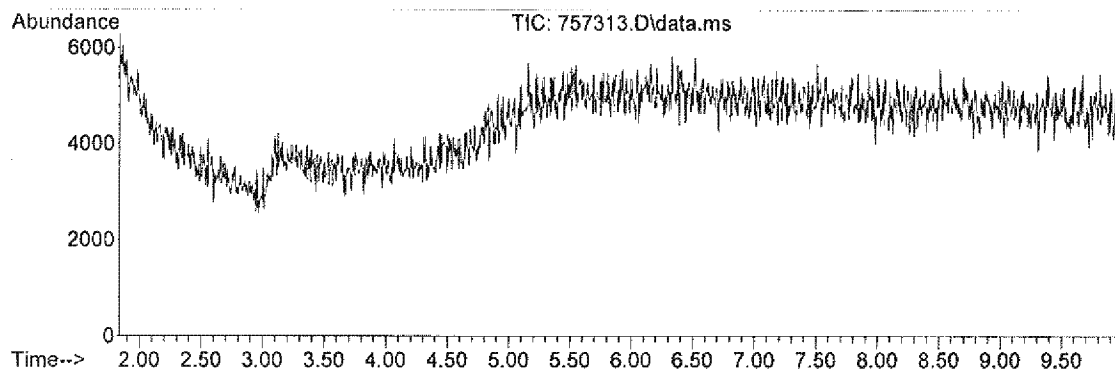
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C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.18	C:\Database\SLI.L COCAINE	000050-36-2	99



Information from Data File:

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Date Acquired : 26 Nov 2010 15:04
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

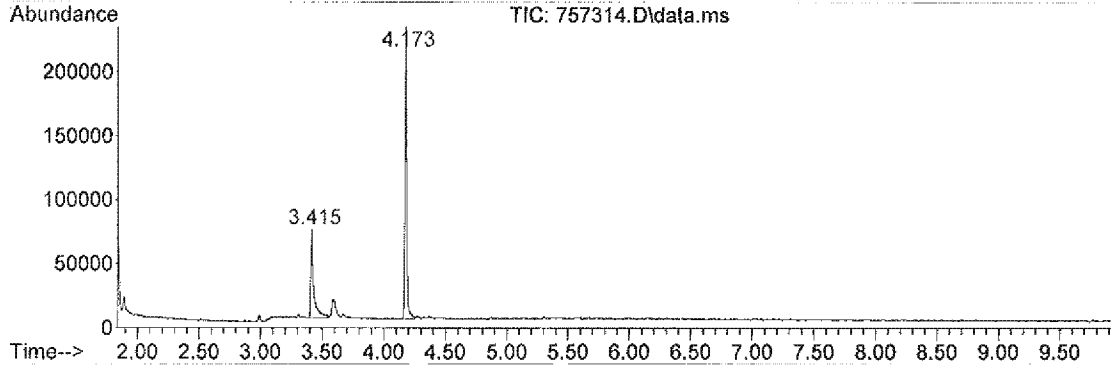


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

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Operator : ASD/DJR
Date Acquired : 26 Nov 2010 15:17
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 14
AcquisitionMeth: DRUGS.M
Integrator : RTE



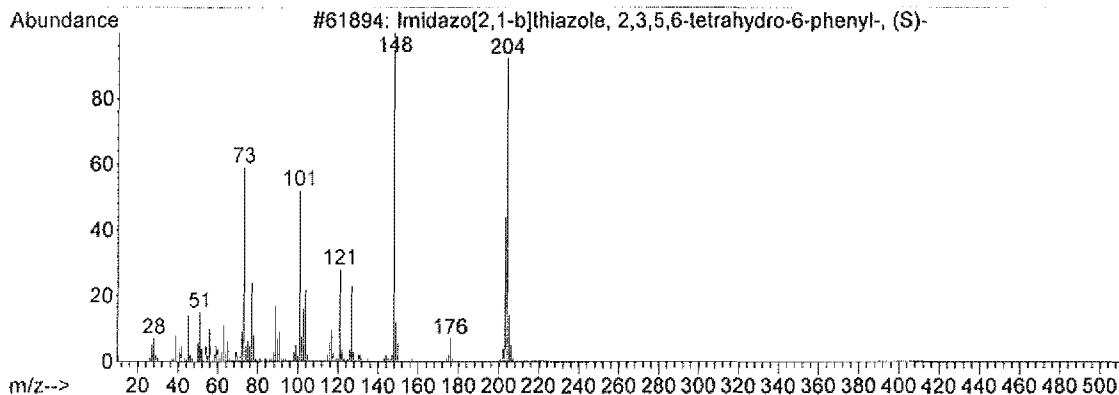
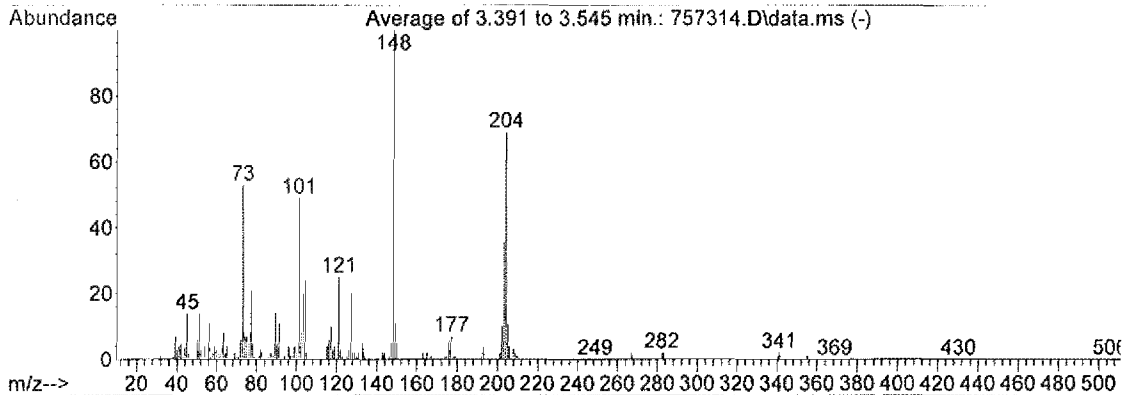
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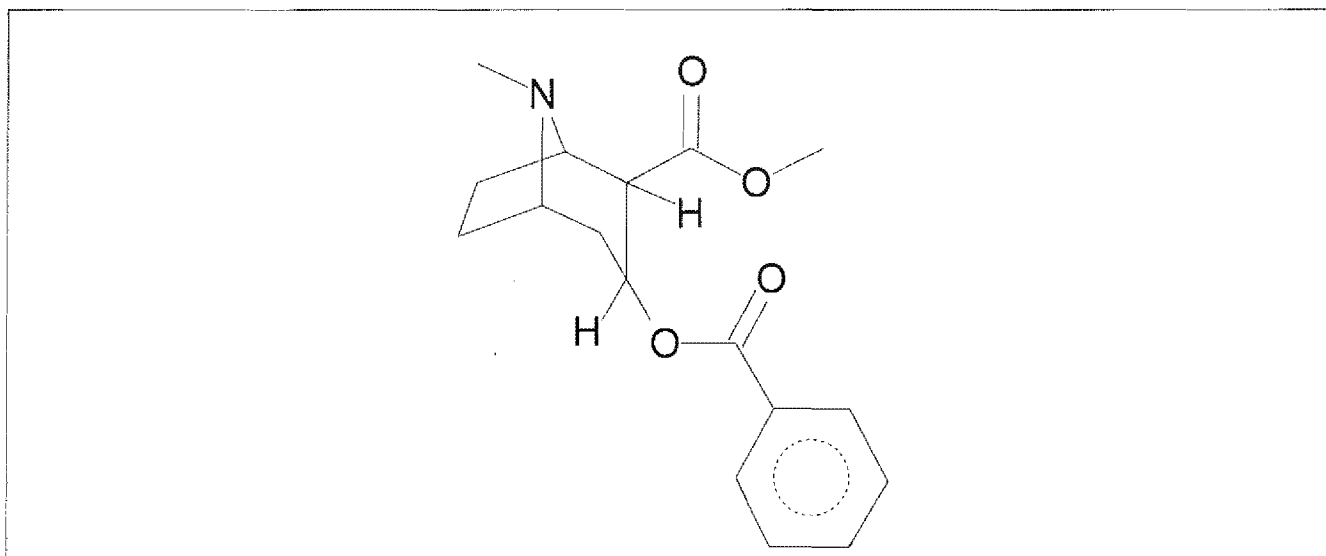
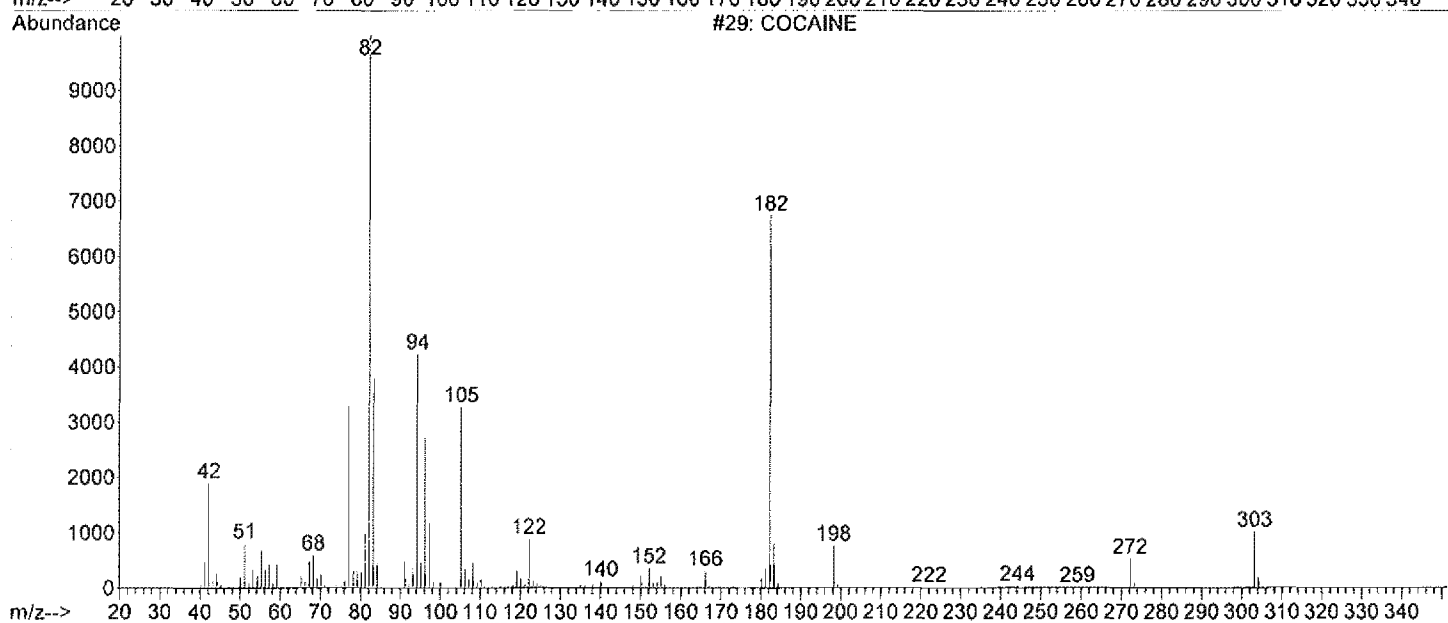
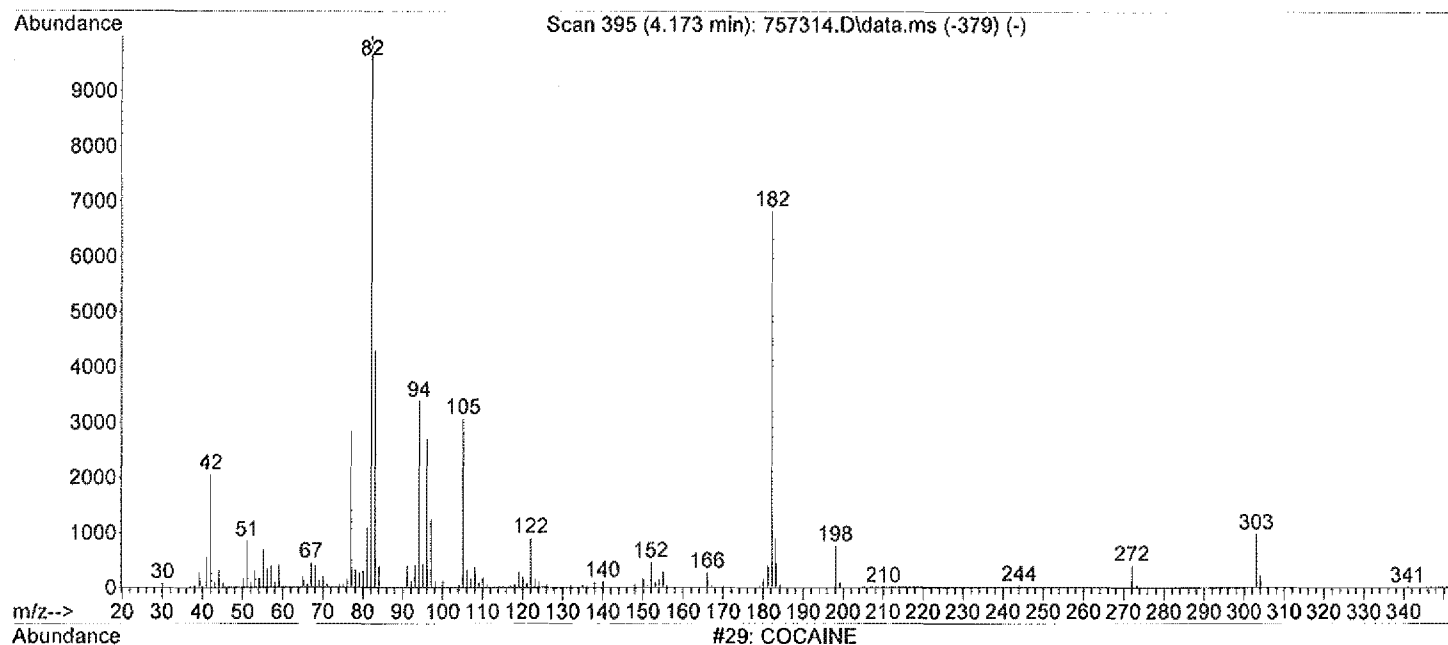
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Date Acquired : 26 Nov 2010 15:17
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 14
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	3.41	C:\Database\NIST08.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	014769-73-4	99
		Levamisole	006649-23-6	98
		Levamisole	006649-23-6	97



Library Searched : C:\Database\SLI.L
Quality : 99
ID : COCAINE

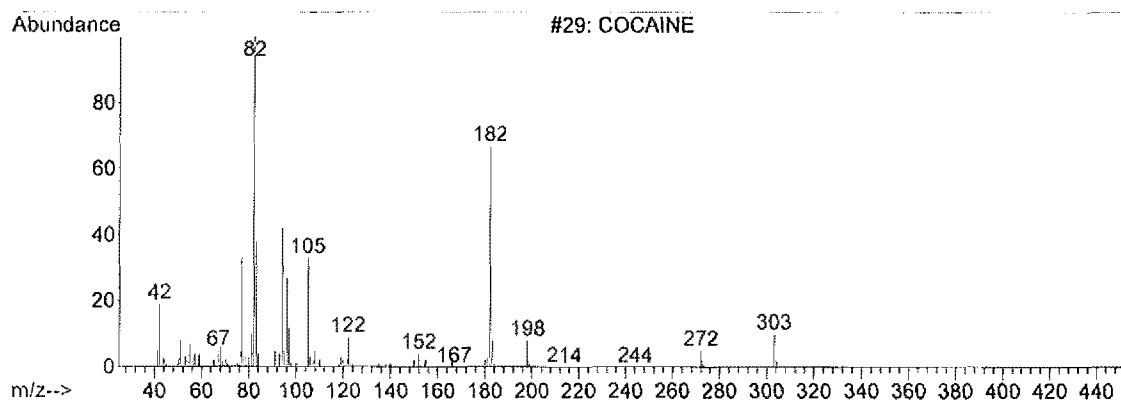
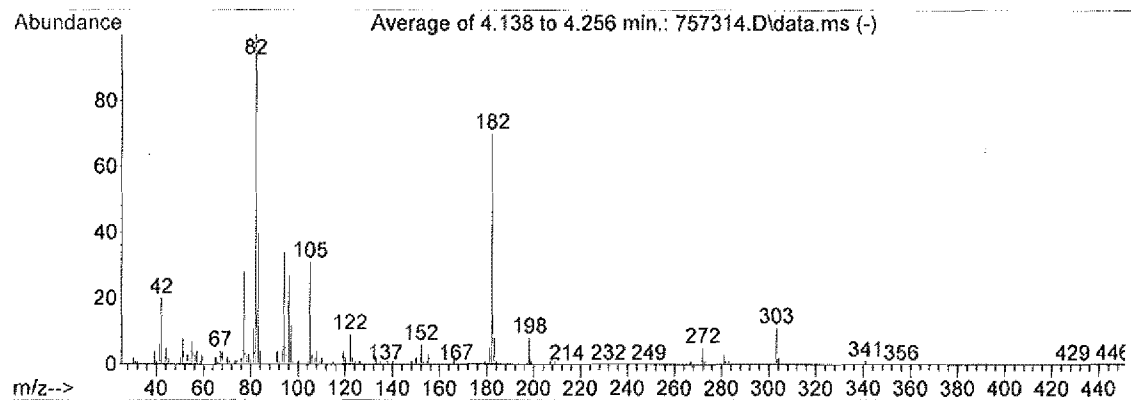


Information from Data File:

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Operator : ASD/DJR
Date Acquired : 26 Nov 2010 15:17
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 14
AcquisitionMeth: DRUGS.M
Integrator : RTE

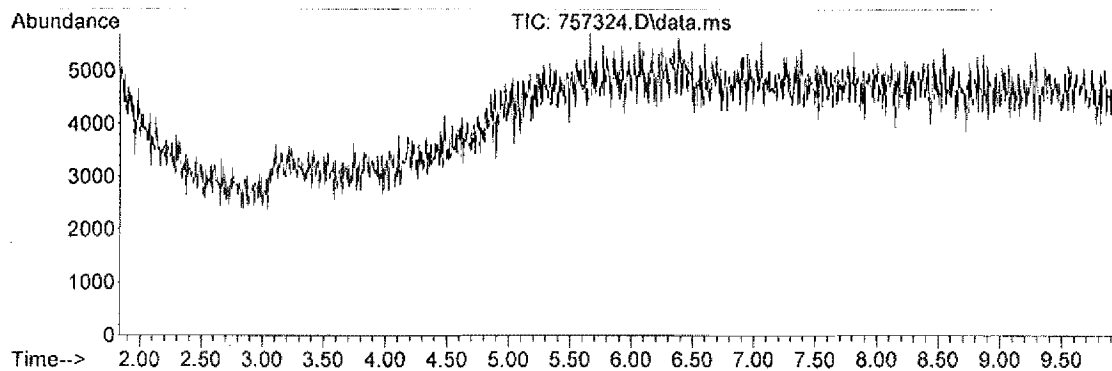
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C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	4.17	C:\Database\SLI.L COCAINE	000050-36-2	99



Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\11_26_10\757324.D
Operator : ASD/DJR
Date Acquired : 26 Nov 2010 17:29
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



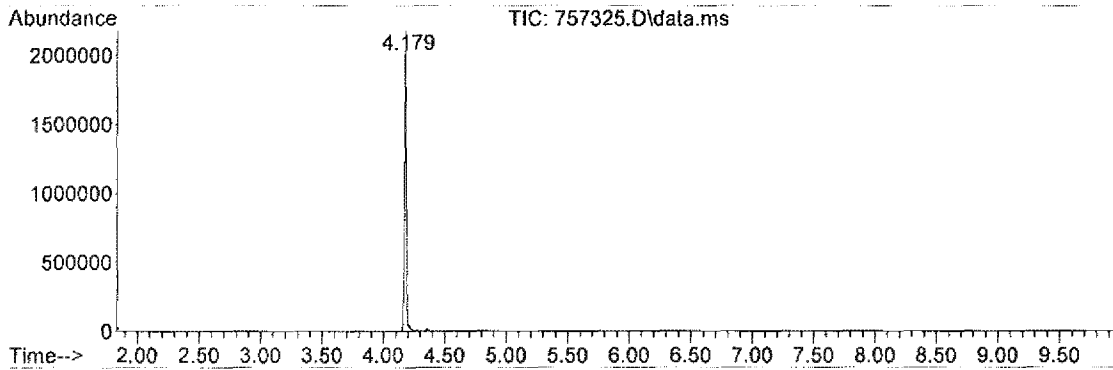
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\11_26_10\757325.D
 Operator : ASD/DJR
 Date Acquired : 26 Nov 2010 17:42
 Sample Name : COCAINE STD
 Submitted by : ASD
 Vial Number : 25
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.179	2185511	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\11_26_10\757325.D
 Operator : ASD/DJR
 Date Acquired : 26 Nov 2010 17:42
 Sample Name : COCAINE STD
 Submitted by : ASD
 Vial Number : 25
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.18	C:\Database\SLI.L COCAINE	000050-36-2	99

